

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/02824

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ C02F1/74, B01J35/10, B01J23/42, C02F1/44

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ C02F1/74, B01J35/10, B01J23/42, C02F1/44

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Kokai Jitsuyo Shinan Koho	1971-2003	Jitsuyo Shinan Toroku Koho	1996-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI/L

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 11-179378 A (Chiyoda Corp.), 06 July, 1999 (06.07.99), Column 1, lines 1 to 22; column 2, lines 13 to 22; column 3, lines 9 to 15, 28 to 32; column 4, lines 1 to 10 (Family: none)	1-10
A	JP 2001-157841 A (Asahi Kasei Corp.), 12 June, 2001 (12.06.01), Column 1, lines 1 to 12; column 5, lines 4 to 44 (Family: none)	1-10
E,A	JP 2003-80275 A (Nippon Shokubai Co., Ltd.), 18 March, 2003 (18.03.03), Column 1, lines 1 to 40; column 6, line 50 to column 8, line 17 (Family: none)	1-10

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:
 "A" document defining the general state of the art which is not considered to be of particular relevance
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 "P" document published prior to the international filing date but later than the priority date claimed

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 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of the actual completion of the international search
03 June, 2003 (03.06.03)Date of mailing of the international search report
17 June, 2003 (17.06.03)Name and mailing address of the ISA/
Japanese Patent Office

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